



## SUBPART G - WELL OPERATIONS AND EQUIPMENT

(Last Updated – January 2018)

### General Requirements

**B-100** DOES THE OPERATOR HAVE A PERSON ONSITE DURING WELL OPERATIONS WHO REPRESENTS THE OPERATOR'S INTERESTS AND CAN FULFILL THE OPERATOR'S RESPONSIBILITIES?

Authority: 30 CFR 250.703(b)

Enforcement Actions: S

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**B-105** IS THE WELL CONTINUOUSLY UNDER SURVEILLANCE FROM THE BEGINNING OF WELL OPERATIONS UNTIL THE WELL IS COMPLETED OR ABANDONED, UNLESS THE WELL HAS BEEN SECURED WITH BLOWOUT PREVENTERS (BOPS), BRIDGE PLUGS, CEMENT PLUGS, OR PACKERS?

Authority: 30 CFR 250.703(c)

Enforcement Actions: W

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### Rig Requirements

**B-110** HAVE ALL CREW MEMBERS BEEN INSTRUCTED IN THE SAFETY REQUIREMENTS OF THE OPERATIONS TO BE PERFORMED, POSSIBLE HAZARDS TO BE ENCOUNTERED, AND GENERAL SAFETY CONSIDERATIONS TO PROTECT PERSONNEL, EQUIPMENT, AND THE ENVIRONMENT PRIOR TO ENGAGING IN WELL OPERATIONS; AND HAVE THE DATE AND TIME OF THE SAFETY MEETINGS BEEN RECORDED?

Authority: 30 CFR 250.710(a)

Enforcement Actions: W

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**B-115** IS A COPY OF THE COMPLETE WELL-CONTROL PLAN POSTED ON THE RIG FLOOR?

Authority: 30 CFR 250.710(b)

Enforcement Actions: W

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B-120

ARE WELL-CONTROL DRILLS CONDUCTED IN ACCORDANCE WITH THE WELL-CONTROL PLAN, WITH ALL PERSONNEL ENGAGED IN WELL OPERATIONS, AND RECORDED IN THE DAILY REPORTS?

Authority: 30 CFR 250.710(b)  
30 CFR 250.711  
30 CFR 250.711(a)  
30 CFR 250.711(b)

Enforcement Actions: W

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B-125

DOES THE MOBILE OFFSHORE DRILLING UNIT (MODU) HAVE A MINIMUM OF TWO FUNCTIONING GPS TRANSPONDERS AT ALL TIMES?

Authority: 30 CFR 250.715

Enforcement Actions: S

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Well Operations

B-130

HAVE THE SURFACE, INTERMEDIATE, AND PRODUCTION CASINGS, AS WELL AS THE INNER RISER ON A DUAL BORE RISER CONFIGURATION, BEEN PRESSURE TESTED TO 70 PERCENT OF THE MINIMUM INTERNAL YIELD PRESSURE OF THE CASING; AND HAS THE CONDUCTOR CASING, EXCLUDING SUBSEA WELLHEADS, BEEN TESTED TO A MINIMUM OF 250 PSI FOR 30 MINUTES, WITH NO MORE THAN A 10 PERCENT PRESSURE DROP DURING THE TESTS, OR AS OTHERWISE APPROVED BY THE DISTRICT MANAGER?

Authority: 30 CFR 250.721(a)  
30 CFR 250.721(e)  
30 CFR 250.721(f)  
30 CFR 250.733(b)(2)

Enforcement Actions: W/S

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B-135

HAS EACH CASING STRING THAT EXTENDS TO THE WELLHEAD BEEN PRESSURE TESTED FOR 30 MINUTES WITH NO MORE THAN A 10 PERCENT PRESSURE DROP DURING THE TESTS, OR AS OTHERWISE APPROVED BY THE DISTRICT MANAGER?

Authority: 30 CFR 250.721(a)  
30 CFR 250.721(d)  
30 CFR 250.721(f)

Enforcement Actions: W/S

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B-140

IS EACH PRODUCTION LINER AND LINER-TOP TESTED TO A MINIMUM OF 500 PSI ABOVE FORMATION FRACTURE PRESSURE FOR 30 MINUTES, WITH NO MORE THAN A 10 PERCENT PRESSURE DROP, AT THE CASING SHOE INTO WHICH THE LINER IS LAPPED; OR AS OTHERWISE APPROVED BY THE DISTRICT MANAGER?

Authority: 30 CFR 250.721(c)  
30 CFR 250.721(d)  
30 CFR 250.721(f)

Enforcement Actions: W/S

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B-145

IS THE DRILLING LINER AND LINER-TOP TESTED TO A PRESSURE AT LEAST EQUAL TO THE ANTICIPATED LEAK-OFF PRESSURE OF THE FORMATION BELOW THAT LINER SHOE, OR SUBSEQUENT LINER SHOES IF SET, AND HELD FOR 30 MINUTES WITH NO MORE THAN A 10 PERCENT PRESSURE DROP; OR AS OTHERWISE APPROVED BY THE DISTRICT MANAGER?

Authority: 30 CFR 250.721(b)  
30 CFR 250.721(d)  
30 CFR 250.721(f)

Enforcement Actions: W/S

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B-150

DID THE OPERATOR PERFORM A NEGATIVE PRESSURE TEST, WITH TWO BARRIERS IN PLACE, ON ALL WELLS THAT USE A SUBSEA BOP STACK OR MUDLINE SUSPENSION SYSTEM?

Authority: 30 CFR 250.721(g)

Enforcement Actions: W/S

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B-155

HAS THE CASING OR LINER BEEN SUCCESSFULLY PRESSURE-TESTED, CALIPERED, OR OTHERWISE EVALUATED EVERY 30 DAYS DURING PROLONGED WELLBORE OPERATIONS?

Authority: 30 CFR 250.722

Enforcement Actions: W/S

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B-160

ARE ALL WELLS IN THE SAME WELL-BAY, WHICH ARE CAPABLE OF PRODUCING HYDROCARBONS, SHUT-IN BELOW THE SURFACE WITH A PUMP-THROUGH-TYPE TUBING PLUG AND AT THE SURFACE WITH A CLOSED MASTER VALVE PRIOR TO MOVING RIGS AND RELATED EQUIPMENT ON TO AND OFF OF LOCATION, OR AS OTHERWISE APPROVED BY THE DISTRICT MANAGER?

Authority: 30 CFR 250.723

Enforcement Actions: W/S

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B-165 IS THE WELL, TO WHICH THE RIG AND RELATED EQUIPMENT IS TO BE MOVED, EQUIPPED WITH A PUMP-THROUGH-TYPE TUBING PLUG AND A BACK-PRESSURE VALVE PRIOR TO REMOVING THE TREE AND INSTALLING, TESTING OR REMOVING THE BOP SYSTEM?

Authority: 30 CFR 250.723(d)

Enforcement Actions: W/S

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B-170 WHEN A RIG UNIT OR LIFT BOAT IS ON OR JACKED-UP OVER A PLATFORM, IS AN OPERABLE EMERGENCY SHUTDOWN DEVICE (ESD) STATION FOR THE PRODUCTION SYSTEM LOCATED NEAR THE RIG OPERATOR'S CONSOLE, WHEN THERE ARE PRODUCING WELLS OR OTHER HYDROCARBON FLOW?

Authority: 30 CFR 250.503  
30 CFR 250.603  
30 CFR 250.723(b)

Enforcement Actions: S

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Surface and Subsea BOP Stacks

B-175 ARE THE BOP SYSTEM AND SYSTEM COMPONENTS DESIGNED, INSTALLED, MAINTAINED, INSPECTED, TESTED, AND USED PROPERLY TO ENSURE WELL CONTROL IN ACCORDANCE WITH API STANDARD 53, FOURTH EDITION?

Authority: 30.CFR 250.730(a)  
30 CFR 250.730(a)(1)  
30 CFR 250.198(h)(63)

Enforcement Actions: W/C/S

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B-180 DOES THE WORKING-PRESSURE RATING OF ALL BOP COMPONENTS, EXCLUDING ANNULAR(S), EXCEED THE MAXIMUM ANTICIPATED SURFACE PRESSURE (MASP) AS DEFINED FOR THE OPERATION?

Authority: 30 CFR 250.730(a)  
30 CFR 250.730(a)(1)  
30 CFR 250.198(h)(63)

Enforcement Actions: S

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B-185 ARE ALL ACCUMULATOR SYSTEM ANALOG PRESSURE GAUGES CALIBRATED AT LEAST EVERY 3 YEARS, OR IF ELECTRONIC PRESSURE GAUGES ARE USED ARE THEY CALIBRATED AS PER THE ORIGINAL EQUIPMENT MANUFACTURER (OEM), AND IS A GAUGE FOR MEASURING ACCUMULATOR PRECHARGE PRESSURE AVAILABLE?

Authority: 30 CFR 250.730(a)(1)  
30 CFR 250.198(h)(63)

Enforcement Actions: W

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**B-190** IS AN APPROVED SET OF SCHEMATIC DRAWINGS OF THE BOP AND CONTROL SYSTEM AVAILABLE ON THE RIG?

Authority: 30 CFR 250.730(a)(4)

Enforcement Actions: W/S

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**B-195** IS A DRILLING SPOOL WITH SIDE OUTLETS PROVIDED IF SIDE OUTLETS ARE NOT PROVIDED IN THE BODY OF THE BOP STACK TO PROVIDE FOR SEPARATE KILL AND CHOKE LINES?

Authority: 30 CFR 250.733(c)  
30 CFR 250.734(a)(14)  
30 CFR 250.730(a)(1)  
30 CFR 250.198(h)(63)

Enforcement Actions: S

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**B-200** IS EACH CHOKE AND KILL LINE EQUIPPED WITH TWO FULL OPENING VALVES, WITH AT LEAST ONE REMOTE-CONTROLLED VALVE FOR SURFACE AND ALL REMOTE-CONTROLLED VALVES FOR SUBSEA?

Authority: 30 CFR 250.733(d)  
30 CFR 250.734(a)(14)  
30 CFR 250.730(a)(1)  
30 CFR 250.198(h)(63)

Enforcement Actions: S

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**B-205** DOES THE ACCUMULATOR SYSTEM PROVIDE SUFFICIENT CAPACITY TO OPERATE THE BOP FUNCTIONS AS DEFINED IN API STANDARD 53, SECTIONS 6.5.6 AND 7.6.8 WITHOUT ASSISTANCE FROM A CHARGING SYSTEM, AND STILL HAVE A MINIMUM PRESSURE OF 200 PSI REMAINING ON THE BOTTLES ABOVE THE PRECHARGE PRESSURE?

Authority: 30 CFR 250.735(a)  
30 CFR 730(a)(1)  
30 CFR 250.198(h)(63)

Enforcement Actions: S

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**B-210** HAVE ACCUMULATOR REGULATORS, SUPPLIED BY RIG AIR AND WITHOUT A SECONDARY SOURCE OF PNEUMATIC SUPPLY, BEEN EQUIPPED WITH MANUAL OVERRIDES OR OTHER DEVICES PROVIDED TO ENSURE CAPABILITY OF HYDRAULIC OPERATIONS IF RIG AIR IS LOST?

Authority: 30 CFR 250.735(a)  
30 CFR 250.730(a)(1)  
30 CFR 250.198(h)(63)

Enforcement Actions: S

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**B-215** HAVE ALL ACCUMULATOR BOTTLES PRECHARGE PRESSURES BEEN MEASURED AND ADJUSTED TO THE MANUFACTURER SPECIFIED API 16 D METHOD PRIOR TO THE BOP STACK BEING DEPLOYED, AND ARE THE REQUIRED PRECHARGE RECORDS MAINTAINED ONSITE?

Authority: 30 CFR 250.735(a)  
30 CFR 250.730(a)(1)  
30 CFR 250.198(h)(63)

Enforcement Actions: C/S

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**B-220** IS AN AUTOMATIC BACKUP ACCUMULATOR-CHARGING SYSTEM, AS REFERENCED IN API STANDARD 53, SECTIONS 6.3.5 AND 7.3.5, SUPPLIED BY A POWER SOURCE INDEPENDENT FROM THE POWER SOURCE TO THE PRIMARY ACCUMULATOR-CHARGING SYSTEM, AND POSSESSING SUFFICIENT CAPABILITY TO CLOSE AND HOLD CLOSED ALL BOP COMPONENTS UNDER MASP CONDITIONS?

Authority: 30 CFR 250.735(b)  
30 CFR 250.730(a)(1)  
30 CFR 250.198(h)(63)

Enforcement Actions: S

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**B-225** IS AT LEAST ONE FULL REMOTE BOP CONTROL STATION, IN ADDITION TO THE ONE ON THE RIG FLOOR, PROVIDED IN A READILY ACCESSIBLE LOCATION AWAY FROM THE RIG FLOOR?

Authority: 30 CFR 250.735(c)  
30 CFR 250.737(d)(5)  
30 CFR 250.730(a)(1)  
30 CFR 250.198(h)(63)

Enforcement Actions: S

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**B-230** IS THE CHOKE LINE INSTALLED ABOVE THE BOTTOM WELL-CONTROL RAM?

Authority: 30 CFR 250.735(d)  
30 CFR 250.730(a)(1)  
30 CFR 250.198(h)(63)

Enforcement Actions: S

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**B-235** IS THE KILL LINE INSTALLED BENEATH AT LEAST ONE WELL-CONTROL RAM?

Authority: 30 CFR 250.735(e)  
30 CFR 250.730(a)(1)  
30 CFR 250.198(h)(63)

Enforcement Actions: S

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B-240

IS A FILL-UP LINE INSTALLED ABOVE THE UPPERMOST BOP?

Authority: 30 CFR 250.735(f)  
30 CFR 250.514(b)(1)  
30 CFR 250.614(c)(1)  
30 CFR 250.730(a)(1)  
30 CFR 250.198(h)(63)

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Enforcement Actions: S

B-245

DOES THE WELLHEAD ASSEMBLY HAVE A RATED WORKING PRESSURE (RWP) THAT EXCEEDS THE MAXIMUM ANTICIPATED WELLHEAD PRESSURE?

Authority: 30 CFR 250.735(h)

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Enforcement Actions: S

B-250

ARE LOCKING DEVICES INSTALLED ON ALL BOP SEALING RAMS (I.E., BLIND SHEAR RAMS, PIPE RAMS AND VARIABLE BORE RAMS)?

Authority: 30 CFR 250.735(g)  
30 CFR 250.730(a)(1)  
30 CFR 250.198(h)(63)

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Enforcement Actions: S

B-255

ARE ALL COMPONENTS OF THE CHOKE MANIFOLD SYSTEM SUITABLE FOR THE APPLICATION IN WHICH THEY WILL BE USED; AND IS ALL OF THE CHOKE MANIFOLD EQUIPMENT, WHICH IS SUBJECT TO WELL AND/OR PUMP PRESSURES (UPSTREAM OF AND INCLUDING CHOKES), HAVE A RATED WORKING PRESSURE (RWP) AT LEAST AS GREAT AS THE RATED WORKING PRESSURE (RWP) OF THE RAM-TYPE BOPS?

Authority: 30 CFR 250.736(a)  
30 CFR 250.736(b)  
30 CFR 250.736(c)  
30 CFR 250.730(a)(1)  
30 CFR 250.198(h)(63)

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Enforcement Actions: S

B-260

IF BUFFER TANKS ARE INSTALLED DOWNSTREAM OF THE CHOKE ASSEMBLIES FOR THE PURPOSE OF MANIFOLDING THE BLEED LINES TOGETHER, ARE ISOLATION VALVES INSTALLED ON EACH LINE?

Authority: 30 CFR 250.736(b)  
30 CFR 250.730(a)(1)  
30 CFR 250.198(h)(63)

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Enforcement Actions: S

B-265 WHEN UTILIZING A TOP-DRIVE SYSTEM EQUIPPED WITH A REMOTE CONTROL VALVE, IS A STRIPPALBE KELLY VALVE INSTALLED BELOW THE REMOTE-CONTROLLED VALVE AND ARE ALL VALVES INSTALLED AS DESCRIBED IN API STANDARD 53, SECTIONS 6.4.1 AND 7.5.1?

Authority: 30 CFR 250.736(d)(1)  
30 CFR 250.736(d)(2)  
30 CFR 250.736(d)(6)  
30 CFR 250.730(a)(1)  
30 CFR 250.198(h)(63)

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Enforcement Actions: S

B-270 ARE THE INSIDE BOP AND DRILL-STRING SAFETY VALVES LOCATED ON THE RIG FLOOR, ABLE TO FIT ALL SIZES OF PIPE IN THE DRILL STRING, LEFT IN THE OPEN POSITION, AND ARE THE WRENCHES WHICH MANUALLY OPERATE EACH VALVE READILY ACCESSIBLE TO THE RIG CREW WHILE OPERATIONS ARE BEING CONDUCTED?

Authority: 30 CFR 250.736(d)(3)  
30 CFR 250.736(d)(4)  
30 CFR 250.736(d)(7)  
30 CFR 250.730(a)(1)  
30 CFR 250.198(h)(63)

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Enforcement Actions: S

B-275 ARE CASING SAFETY VALVES, ABLE TO FIT THE SIZE CASING BEING RUN IN THE HOLE, ACTUATED PRIOR TO RUNNING THE CASING AND LEFT IN THE OPEN POSITION ON THE RIG FLOOR THROUGHOUT THE OPERATION?

Authority: 30 CFR 250.736(d)(5)  
30 CFR 250.737(d)(11)  
30 CFR 250.746

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Enforcement Actions: W/S

B-280 WAS THE SURFACE OR SUBSEA BOP STACK PRESSURE TESTED AFTER INSTALLATION?

Authority: 30 CFR 250.737(a)(1)  
30 CFR 250.737(d)(4)

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Enforcement Actions: W/S

B-285 FOR SURFACE AND SUBSEA STACKS, WERE THE BOP SYSTEMS PRESSURE TESTED BEFORE 14 DAYS HAVE ELAPSED SINCE THE LAST BOP PRESSURE TEST WAS COMPLETED, OR 30 DAYS SINCE THE LAST BLIND SHEAR RAM PRESSURE TEST; AND HAVE THEY BEEN ALTERNATED BETWEEN CONTROL STATIONS AND PODS AS REQUIRED?

Authority: 30 CFR 250.737(a)(2)  
30 CFR 250.737(a)(3)  
30 CFR 250.737(d)(5)

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Enforcement Actions: W/S



**B-290** ARE SURFACE AND SUBSEA BOP SYSTEMS PRESSURE TESTED BEFORE DRILLING OUT EACH STRING OF CASING OR LINER, OR AS OTHERWISE APPROVED BY THE DISTRICT MANAGER?

Authority: 30 CFR 250.737(a)(3)

Enforcement Actions: W/S

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**B-295** HAVE ALL BOP SYSTEM COMPONENTS BEEN SUCCESSFULLY TESTED TO A LOW-PRESSURE BETWEEN 250 PSI AND 350 PSI, AND DOES THE LOW-PRESSURE TEST TRANSITION TO THE HIGH-PRESSURE TEST?

Authority: 30 CFR 250.737(b)  
30 CFR 250.737(b)(1)

Enforcement Actions: W/S

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**B-300** HAVE ALL BOP SYSTEM COMPONENTS BEEN SUCCESSFULLY TESTED TO THE REQUIRED HIGH-PRESSURE APPROVED IN THE PERMIT?

Authority: 30 CFR 250.737(b)(2)  
30 CFR 250.737(b)(3)

Enforcement Actions: W/S

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**B-305** HAS EACH PRESSURE TEST PERFORMED ON THE BOP SYSTEM HELD PRESSURE FOR THE REQUIRED AMOUNT OF TIME AND BEEN RECORDED ON A DIGITAL RECORDER, OR ON A CHART WHICH DOES NOT EXCEED 4 HOURS; AND HAS THE PRESSURE FOR EACH TEST BEEN CAPTURED WITHIN THE MIDDLE HALF OF THE CHART'S RANGE?

Authority: 30 CFR 250.737(c)  
30 CFR 250.746(a)  
30 CFR 250.730(a)(1)  
30 CFR 250.198(h)(63)

Enforcement Actions: W/S

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**B-310** DID THE OPERATOR CONTACT THE DISTRICT MANAGER AT LEAST 72 HOURS PRIOR TO BEGINNING A STUMP TEST, INITIAL BOP TEST, OR SHEAR RAM TEST IN WHICH PIPE WILL BE SHEARED; AND IF BSEE WAS UNABLE TO WITNESS THE TEST, WERE THE TEST RESULTS PROVIDED TO THE DISTRICT MANAGER WITHIN 72 HOURS OF COMPLETION OF THE TEST?

Authority: 30 CFR 250.737(d)  
30 CFR 250.737(e)

Enforcement Actions: W

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**B-315** ARE AFFECTED BOP COMPONENTS PRESSURE TESTED FOLLOWING DISCONNECTION OR REPAIR OF ANY WELL-PRESSURE CONTAINMENT SEAL IN THE WELLHEAD OR BOP STACK ASSEMBLY; AND HAS THE DISTRICT MANAGER GIVEN APPROVAL PRIOR TO THE FACILITY RESUMING OPERATIONS AFTER REPAIRING, REPLACING, OR RECONFIGURING A BOP SYSTEM?

Authority: 30 CFR 250.737(d)(8)  
30 CFR 250.738(b)(3)  
30 CFR 250.730(a)(1)  
30 CFR 250.198(h)(63)

Enforcement Actions: W/S

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**B-320** WHEN BOP TESTS ARE POSTPONED DUE TO WELL CONTROL PROBLEMS, IS THE BOP TEST PERFORMED ON THE FIRST TRIP OUT OF THE HOLE AND ARE THE SPECIFIC REASONS FOR POSTPONING THE TESTING RECORDED IN THE FACILITY'S DAILY REPORT OR REFERENCED DOCUMENTS?

Authority: 30 CFR 250.738(c)

Enforcement Actions: W

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**B-325** IF A TAPERED DRILL STRING IS IN USE, ARE TWO SETS OF PIPE RAMS INSTALLED, TWO SETS OF PIPE RAMS WHICH ARE CAPABLE OF SEALING AROUND THE LARGER-SIZE DRILL STRING AND ONE SET OF PIPE RAMS WHICH IS CAPABLE OF SEALING AROUND THE SMALLER-SIZE DRILL STRING?

Authority: 30 CFR 250.738(e)

Enforcement Actions: S

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**B-330** IF A BOP CONTROL STATION OR POD DOES NOT FUNCTION PROPERLY, ARE OPERATIONS SUSPENDED UNTIL THAT STATION OR POD IS OPERABLE; AND HAS ANY PROBLEMS OR IRREGULARITIES BEEN REPORTED TO THE DISTRICT MANAGER?

Authority: 30 CFR 250.738(d)

Enforcement Actions: W/S

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**B-335** ARE THE AFFECTED CONNECTIONS TESTED BEFORE RUNNING CASING, EITHER TO THE RATED WORKING PRESSURE (RWP) OR THE MAXIMUM ANTICIPATED SURFACE PRESSURE (MASP) PLUS 500 PSI, WHEN CASING RAMS ARE INSTALLED IN THE BOP STACK OR AS OTHERWISE APPROVED BY THE DISTRICT MANAGER?

Authority: 30 CFR 250.738(f)

Enforcement Actions: W

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**B-340** IF THE OPERATOR ACTIVITATED THE BLIND SHEAR RAM OR CASING SHEAR RAM IN WHICH PIPE OR CASING WAS SHEARED, DID THE OPERATOR RETRIEVE, PHYSICALLY INSPECT, AND CONDUCT A FULL PRESSURE TEST OF THE BOP STACK AFTER THE SITUATION WAS CONTROLLED?

Authority: 30 CFR 250.738(i)

Enforcement Actions: W/S

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**B-345** ARE THERE A MINIMUM OF TWO INDEPENDENT BARRIERS INSTALLED, AT LEAST ONE OF WHICH IS MECHANICAL, AND SET WITHIN A PROPERLY CEMENTED CASING STRING OR LINER IF WELL OPERATIONS WERE INTERRUPTED; AND HAS A NEGATIVE PRESSURE TEST BEEN PERFORMED BEFORE REMOVING THE BOP STACK FROM THE WELL, UNLESS OTHERWISE APPROVED BY THE DISTRICT MANAGER?

Authority: 30 CFR 250.720  
30 CFR 250.738(j)

Enforcement Actions: W/S

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**B-346** IF A TEST RAM HAS BEEN USED TO CONDUCT BOP TESTS, HAS THE WELLHEAD/BOP CONNECTOR BEEN PRESSURE TESTED TO MAXIMUM ANTICIPATED SURFACE PRESSURE (MASP) PLUS 500 PSI FOR THE HOLE SECTION TO WHICH IT WILL BE EXPOSED?

Authority: 30 CFR 250.738(l)

Enforcement Actions: W/S

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**B-350** ARE REDUNDANT BOP COMPONENTS, INSTALLED IN ADDITION TO REQUIRED COMPONENTS, COMPLIANT WITH ALL TESTING, MAINTENANCE, AND INSPECTION REQUIREMENTS?

Authority: 30 CFR 250.738(o)

Enforcement Actions: W/S

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**B-355** DID THE OPERATOR PERFORM PREVENTIVE MAINTENANCE AND INSPECT THE BOP SYSTEM TO MEET OR EXCEED ANY OEM RECOMMENDATIONS, RECOGNIZED ENGINEERING PRACTICES, AND INDUSTRY STANDARDS TO ENSURE THE EQUIPMENT FUNCTIONS AS DESIGNED; AND WERE ALL RESULTS DOCUMENTED?

Authority: 30 CFR 250.739(a)  
30 CFR 250.730(a)(1)  
30 CFR 250.198(h)(63)

Enforcement Actions: S

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**B-360** ARE THE MANUFACTURERS' ORIGINAL EQUIPMENT MANUFACTURER (OEM)/INSTALLATION, OPERATION, AND MAINTENANCE (IOM) MANUALS AVAILABLE ONSITE FOR ALL THE BOP EQUIPMENT INSTALLED IN ACCORDANCE WITH API STANDARD 53 SECTIONS 6.5.8.1 AND 7.6.9.4; AND ARE COMPLETE RECORDS MAINTAINED TO ENSURE THE TRACEABILITY OF THE BOP STACK EQUIPMENT?

Authority: 30 CFR 250.739(a)  
30 CFR 250.730(a)(1)  
30 CFR 250.198(h)(63)

Enforcement Actions: S

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**B-365** IS A PLANNED MAINTENANCE SYSTEM MAINTAINED ONSITE AND ARE ALL RECORDS READILY AVAILABLE FOR THE BOP EQUIPMENT IN ACCORDANCE WITH API STANDARD 53, SECTIONS 6.5.9.1 AND 7.6.10.1?

Authority: 30 CFR 250.739(a)  
30 CFR 250.730(a)(1)  
30 CFR 250.198(h)(63)

Enforcement Actions: S

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**B-370** DOES THE OPERATOR MAINTAIN COPIES OF THE EQUIPMENT MANUFACTURERS' PRODUCT ALERTS OR EQUIPMENT BULLETINS AT THE SITE FOR THE EQUIPMENT IN USE ON THE RIG IN ACCORDANCE WITH API STANDARD 53, SECTIONS 6.5.9.2 AND 7.6.10.2?

Authority: 30 CFR 250.739(a)  
30 CFR 250.730(a)(1)  
30 CFR 250.198(h)(63)

Enforcement Actions: S

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**B-375** DID THE OPERATOR PERFORM A COMPLETE BREAKDOWN AND DETAILED PHYSICAL INSPECTION OF THE BOP, AND ALL ASSOCIATED SYSTEMS AND COMPONENTS, EVERY 5 YEARS OR AS ACCORDING TO MANUFACTURER'S SPECIFICATIONS AS STATED IN API STANDARD 53, SECTIONS 6.5.7.3 AND 7.6.9.3?

Authority: 30 CFR 250.739 (a)  
30 CFR 250.739 (b)  
30 CFR 250.739(e)  
30 CFR 250.730(a)(1)  
30 CFR 250.198(h)(63)

Enforcement Actions: W/S

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**B-380** ARE SURFACE BOP SYSTEMS VISUALLY INSPECTED EACH DAY, ONCE EVERY 3 DAYS FOR SUBSEA BOP SYSTEMS, AND ARE THE RESULTS DOCUMENTED IN THE FACILITY'S DAILY REPORTS?

Authority: 30 CFR 250.739(c)  
30 CFR 250.746(f)

Enforcement Actions: W

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**B-385** ARE BOTH PRIMARY AND SECONDARY CONTROL STATIONS AND PODS FUNCTIONED WEEKLY, ANNULAR AND PIPE/VARIABLE RAM BOPS FUNCTION TESTED EVERY 7 DAYS BETWEEN PRESSURE TESTS, SHEAR TYPE RAMS FUNCTIONED EVERY 14 DAYS AND ALL OTHER REMOTE STATIONS, WHERE ALL BOP FUNCTIONS ARE NOT INCLUDED, FUNCTION TESTED DURING THE INITIAL TEST AND MONTHLY THEREAFTER?

Authority: 30 CFR 250.737(d)(5)  
30 CFR 250.737(d)(9)  
30 CFR 250.737(d)(10)

Enforcement Actions: W/S

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**B-386** ARE ANNULARS AND VARIABLE BORE PIPE RAMS PRESSURE TESTED AGAINST THE SMALLEST SIZE OF PIPE THAT WILL BE USED FOR THE INTENDED HOLE SECTION, EXCLUDING DRILL COLLARS AND BOTTOM-HOLE TOOLS PER API STANDARD 53?

Authority: 30 CFR 250.737(d)(6)  
30 CFR 250.737(d)(7)  
30 CFR 250.730(a)(1)  
30 CFR 250.198(h)(63)

Enforcement Actions: W/S

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#### Surface BOP Stacks Only

**B-390** PRIOR TO DRILLING OR CONDUCTING OPERATIONS BELOW SURFACE CASING WITH A SURFACE STACK, ARE THERE AT LEAST FOUR REMOTE-CONTROLLED HYDRAULICALLY OPERATED BOPS (INCLUDING A LEAST ONE ANNULAR, ONE BLIND SHEAR RAM, AND TWO PIPE RAMS)?

Authority: 30 CFR 250.733(a)

Enforcement Actions: S

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**B-395** IS AN ALTERNATIVE CUTTING DEVICE AVAILABLE ON THE RIG FLOOR DURING OPERATIONS IF THE BLIND SHEAR RAMS ARE UNABLE TO CUT ANY ELECTRIC-LINE, WIRE-LINE, OR SLICK-LINE UNDER MASP WHEN YOU DRILL OR CONDUCT OPERATIONS WITH A SURFACE BOP STACK?

Authority: 30 CFR 250.733(a)(1)

Enforcement Actions: S

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**B-400** IF USING A SURFACE BOP ON A FLOATING PRODUCTION FACILITY, IS A DUAL BORE RISER IN PLACE PRIOR TO DRILLING OR OPERATING IN ANY HOLE SECTION OR INTERVAL WHERE HYDROCARBONS ARE, OR MAY BE, EXPOSED TO THE WELL; AND DOES IT MEET THE DESIGN REQUIREMENTS OF API RP 2RD?

Authority: 30 CFR 250.733(b)  
30 CFR 250.198(h)(51)

Enforcement Actions: S

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**B-405** IF A REMOTE-CONTROLLED VALVE IS NOT INSTALLED IN THE KILL LINE, ARE BOTH MANUAL VALVES READILY ACCESSIBLE AND IS A CHECK VALVE INSTALLED BETWEEN THE MANUAL VALVES AND THE PUMP?

Authority: 30 CFR 250.733(d)

Enforcement Actions: S

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**B-410** IS THE SURFACE BOP SYSTEM PRESSURE TESTED WITH WATER DURING THE INITIAL TEST?

Authority: 30 CFR 250.737(d)(2)  
30 CFR 250.730(a)(1)  
30 CFR 250.198

Enforcement Actions: W/S

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**B-420** DOES THE OPERATOR'S SURFACE BOP SYSTEM MEET THE REQUIREMENTS AS DEFINED IN API STANDARD 53, FOURTH EDITION, SECTION 6.1?

Authority: 30 CFR 250.730(a)(1)  
30 CFR 250.198(h)(63)

Enforcement Actions: W/C/S

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**B-425** IS THE OPERATOR'S CHOKE MANIFOLD, CHOKE LINE, AND KILL LINE INSTALLED AS DEFINED IN API STANDARD 53, FOURTH EDITION, SECTION 6.2?

Authority: 30 CFR 250.730(a)(1)  
30 CFR 250.198(h)(63)

Enforcement Actions: W/C/S

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**B-430** DOES THE OPERATOR'S CONTROL SYSTEMS FOR A SURFACE BOP STACK MEET ALL REQUIREMENTS DEFINED IN API STANDARD 53, FOURTH EDITION, SECTION 6.3?

Authority: 30 CFR 250.730(a)(1)  
30 CFR 250.198(h)(63)

Enforcement Actions: W/C/S

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B-435 DOES ALL AUXILIARY EQUIPMENT FOR A SURFACE BOP STACK MEET THE REQUIREMENTS AS DEFINED IN API STANDARD 53, FOURTH EDITION, SECTION 6.4?

Authority: 30 CFR 250.703(a)(1)  
30 CFR 250.198(h)(63)

Enforcement Actions: W/C/S

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B-440 DOES THE OPERATOR'S TESTING CRITERIA MEET THE REQUIREMENTS SPECIFIED IN API STANDARD 53, FOURTH EDITION, SECTION 6.5?

Authority: 30 CFR 250.198(h)(63)  
30 CFR 250.730(a)(1)

Enforcement Actions: W/C/S

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Subsea BOP Stacks Only

B-445 PRIOR TO DRILLING OR CONDUCTING OPERATIONS BELOW SURFACE CASING WITH A SUBSEA STACK, ARE THERE AT LEAST FIVE REMOTE-CONTROLLED HYDRAULICALLY OPERATED BOPS INSTALLED (INCLUDING AT LEAST ONE ANNULAR, TWO SHEAR RAMS, AND TWO PIPE RAMS)?

Authority: 30 CFR 250.734(a)(1)

Enforcement Actions: S

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B-450 DOES THE ACOUSTIC CONTROL SYSTEM FUNCTION IN ITS CURRENT ENVIRONMENT AND CONDITIONS?

Authority: 30 CFR 250.734(a)(7)

Enforcement Actions: S

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B-455 DOES THE ACCUMULATOR CAPACITY, LOCATED SUBSEA, PROVIDE FOR FAST CLOSURE OF THE BOP COMPONENTS AND CAPABLE OF OPERATING ALL CRITICAL FUNCTIONS IN THE EVENT THAT POWER FLUID CONNECTION IS LOST TO THE SURFACE?

Authority: 30 CFR 250.734(a)(3)

Enforcement Actions: S

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**B-460** DOES THE BOP SYSTEM INCLUDE AN OPERABLE REDUNDANT POD CONTROL SYSTEM TO ENSURE PROPER AND INDEPENDENT OPERATION OF THE BOP SYSTEM?

Authority: 30 CFR 250.734(a)(2)

Enforcement Actions: S

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**B-465** DID THE OPERATOR CLEARLY LABEL ALL CONTROL PANELS FOR THE SUBSEA BOP SYSTEM?

Authority: 30 CFR 250.734(a)(9)

Enforcement Actions: W

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**B-470** DID THE OPERATOR DEVELOP AND USE A MANAGEMENT SYSTEM FOR OPERATING THE SUBSEA BOP SYSTEM WHICH INCLUDES PROCEDURES FOR PREVENTION OF ACCIDENTAL OR UNPLANNED DISCONNECTS OF THE SYSTEM?

Authority: 30 CFR 250.734(a)(10)

Enforcement Actions: S

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**B-475** WAS THE MARINE RISER DISPLACED WITH SEAWATER PRIOR TO REMOVAL?

Authority: 30 CFR 250.734(a)(12)

Enforcement Actions: W

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**B-480** IS THE SUBSEA BOP STACK PROPERLY EQUIPPED WITH REMOTE OPERATED VEHICLE (ROV) INTERVENTION?

Authority: 30 CFR 250.734(a)(4)  
30 CFR 250.198(h)(63)

Enforcement Actions: S

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**B-485** DOES THE SUBSEA BOP SYSTEM HAVE AN OPERABLE AUTOSHEAR, DEADMAN, AND EMERGENCY DISCONNECT SYSTEM (EDS) FOR DYNAMICALLY POSITIONED RIGS; OR IF THE RIG IS MOORED, DOES IT HAVE AN OPERABLE AUTOSHEAR AND DEADMAN SYSTEM?

Authority: 30 CFR 250.734(a)(6)

Enforcement Actions: S

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B-490

DID THE OPERATOR INSTALL OPERATIONAL OR PHYSICAL BARRIERS ON THE BOP CONTROL PANELS TO PREVENT ACCIDENTAL DISCONNECT OF ALL CRITICAL FUNCTIONS?

Authority: 30 CFR 250.734(a)(8)

Enforcement Actions: W

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B-495

IS A GAS BLEED LINE WITH TWO VALVES FOR THE ANNULAR PREVENTER INSTALLED?

Authority: 30 CFR 250.730(a)(1)  
30 CFR 250.734(a)(15)  
30 CFR 250.198(h)(63)

Enforcement Actions: S

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B-500

WHEN UTILIZING A SUBSEA BOP STACK, IS A MECHANISM COUPLED WITH EACH SHEAR RAM, TO POSITION THE ENTIRE PIPE COMPLETELY WITHIN THE AREA OF THE SHEARING BLADE, TO ENSURE SHEARING WILL OCCUR ANY TIME THE SHEAR RAMS ARE ACTIVATED?

Authority: 30 CFR 250.734(a)(16)(i)

Enforcement Actions: S

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B-505

IF THE CONTROL PODS CONTAIN A SUBSEA ELECTRONIC MODULE WITH BATTERIES, IS THERE A MECHANISM IN PLACE TO ALLOW PERSONNEL ON THE RIG TO MONITOR THE STATE OF CHARGE FOR THE BATTERIES IN THE BOP CONTROL PODS?

Authority: 30 CFR 250.734(a)(16)(iii)

Enforcement Actions: S

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B-510

IS THE SUBSEA BOP SYSTEM PRESSURE TESTED WITH WATER DURING THE STUMP TEST?

Authority: 30 CFR 250.737(d)(3)  
30 CFR 250.730(a)(1)  
30 CFR 250.198

Enforcement Actions: W/S

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B-515

DID THE OPERATOR TEST ALL REMOTE OPERATED VEHICLE (ROV) INTERVENTION FUNCTIONS ON THE SUBSEA BOP STACK DURING THE STUMP TEST; AND ARE THE TESTS RESULTS MADE AVAILABLE TO BSEE UPON REQUEST?

Authority: 30 CFR 250.737(d)(3)

Enforcement Actions: S

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B-520

DID THE OPERATOR CONDUCT A FUNCTION TEST ON THE AUTOSHEAR/DEADMAN AND EMERGENCY DISCONNECT SYSTEM (EDS) ON THE SUBSEA BOP STACK DURING THE STUMP TEST; AND ARE THE TEST RESULTS MADE AVAILABLE TO BSEE UPON REQUEST?

Authority: 30 CFR 250.737(d)(12)  
30 CFR 250.737(d)(12)(viii)

Enforcement Actions: W/S

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B-525

DID THE OPERATOR TEST AT LEAST ONE SET OF RAMS WITH THE REMOTE OPERATED VEHICLE (ROV) ON THE SUBSEA BOP STACK UPON ITS INITIAL INSTALLATION ON THE SEAFLOOR AND ARE THE TEST RESULTS MADE AVAILABLE TO BSEE UPON REQUEST?

Authority: 30 CFR 250.737(d)(4)

Enforcement Actions: S

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B-530

DID THE OPERATOR CONDUCT A TEST OF THE DEADMAN SYSTEM ON THE SUBSEA BOP STACK DURING THE INITIAL TEST ON THE SEAFLOOR; AND ARE THE TEST RESULTS MADE AVAILABLE TO BSEE UPON REQUEST?

Authority: 30 CFR 250.737(d)(12)  
30 CFR 250.730(a)(1)  
30 CFR 250.198(h)(63)

Enforcement Actions: W/S

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B-535

DO THE RECORDS INDICATE THAT THE WELL CELLAR IS AT THE APPROVED DEPTH TO ENSURE THE TOP OF THE STACK IS BELOW THE DEEPEST PROBABLE ICE-SCOUR DEPTH?

Authority: 30 CFR 250.738(h)

Enforcement Actions: S

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B-540

DOES THE OPERATOR'S SUBSEA BOP SYSTEM MEET ALL OF THE REQUIREMENTS AS DEFINED IN API STANDARD 53, FOURTH EDITION, SECTION 7.1?

Authority: 30 CFR 250.730(a)(1)  
30 CFR 250.198(h)(63)

Enforcement Actions: W/C/S

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B-545

ARE CHOKE MANIFOLDS, CHOKE LINES, AND KILL LINES FOR SUBSEA BOP STACKS INSTALLED AS DEFINED IN API STANDARD 53, FOURTH EDITION, SECTION 7.2?

Authority: 30 CFR 250.730(a)(1)  
30 CFR 250.198(h)(63)

Enforcement Actions: W/C/S

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**B-550**                    **WHEN UTILIZING A SUBSEA BOP STACK, DOES THE OPERATOR'S HYDRAULIC CONTROL SYSTEMS MEET ALL OF THE REQUIREMENTS DEFINED IN API STANDARD 53, FOURTH EDITION, SECTION 7.3?**

Authority: 30 CFR 250.730(a)(1)  
30 CFR 250.198(h)(63)

Enforcement Actions: W/C/S

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**B-555**                    **DOES THE MUX SYSTEM MEET ALL OF THE REQUIREMENTS DEFINED IN API STANDARD 53, FOURTH EDITION, SECTION 7.4?**

Authority: 30 CFR 250.730(a)(1)  
30 CFR 250.198(h)(63)

Enforcement Actions: W/C/S

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**B-560**                    **DOES ALL AUXILIARY EQUIPMENT FOR THE SUBSEA SYSTEM MEET THE REQUIREMENTS AS DEFINED IN API STANDARD 53, FOURTH EDITION, SECTION 7.5?**

Authority: 30 CFR 250.730(a)(1)  
30 CFR 250.198(h)(63)

Enforcement Actions: W/C/S

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**B-565**                    **DOES ALL TESTING AND MAINTENANCE PERFORMED ON THE SUBSEA BOP STACK MEET THE REQUIREMENTS AS DEFINED IN STANDARD 53, FOURTH EDITION, SECTION 7.6?**

Authority: 30 CFR 250.730(a)(1)  
30 CFR 250.198(h)(63)

Enforcement Actions: W/C/S

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Records and Reporting

**B-570**                    **ARE ALL BOP, CASING, AND LINER PRESSURE TESTS RECORDED ON A CHART, OR DIGITAL RECORDER, AND HAVE THEY EACH BEEN SIGNED AND DATED BY THE ONSITE LESSEE REPRESENTATIVE, CONTRACTOR REPRESENTATIVE, AND PUMP OPERATOR?**

Authority: 30 CFR 250.746(a)  
30 CFR 250.746(b)

Enforcement Actions: W

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**B-575** ARE THE TIME, DATE, AND RESULTS OF ALL PRESSURE TESTS, ACTUATIONS, AND INSPECTIONS OF THE BOP SYSTEM, SYSTEM COMPONENTS, AND MARINE RISERS RECORDED IN THE DAILY REPORT; AND IS THE DAILY REPORT COMPLETE, LEGIBLE, AND ACCURATE?

Authority: 30 CFR 250.746  
30 CFR 250.740

Enforcement Actions: W

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**B-580** DOES THE DOCUMENTATION INDICATE THE SEQUENTIAL ORDER OF BOP AND AUXILIARY EQUIPMENT TESTING AND THE PRESSURE AND DURATION OF EACH TEST; FOR SUBSEA BOP SYSTEMS, ARE THE CLOSING TIMES FOR ANNULAR(S) AND RAM BOPS RECORDED?

Authority: 30 CFR 250.746(c)

Enforcement Actions: W/S

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**B-585** IS THE CONTROL STATION AND POD USED DURING THE BOP SYSTEM TESTING IDENTIFIED IN THE DAILY REPORT OR REFERENCED BOP TEST PLAN?

Authority: 30 CFR 250.746(d)

Enforcement Actions: W

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**B-590** ARE ANY PROBLEMS OR IRREGULARITIES OBSERVED DURING BOP SYSTEM TESTING IDENTIFIED AND ARE THE REMEDIAL ACTIONS TAKEN RECORDED IN THE DAILY REPORT?

Authority: 30 CFR 250.746(e)

Enforcement Actions: W

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**B-595** ARE ALL RECORDS INCLUDING PRESSURE CHARTS, DAILY REPORTS, AND REFERENCED DOCUMENTS OF BOP TESTS, ACTUATIONS, AND INSPECTIONS AVAILABLE AT THE FACILITY FOR THE DURATION OF THE WELL OPERATIONS AND MADE AVAILABLE UPON REQUEST?

Authority: 30 CFR 250.746(f)

Enforcement Actions: W

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